



ENGINEERING GEOLOGIST

OPEN

CONTINUOUS FILING

OFFERING EQUAL EMPLOYMENT OPPORTUNITIES TO ALL REGARDLESS OF RACE, COLOR, CREED, NATIONAL ORIGIN, ANCESTRY, SEX, MARITAL STATUS, DISABILITY, RELIGIOUS OR POLITICAL AFFILIATION, AGE OR SEXUAL ORIENTATION.

OPEN	This is an open examination. Applications will not be accepted on a promotional basis. Career credits will not be granted.
HOW TO APPLY	<p>Applications (STD 678) must be RECEIVED OR POSTMARKED no later than the final filing date. FAXED OR E-MAILED APPLICATIONS WILL <u>NOT</u> BE ACCEPTED. Applications postmarked AFTER THE FINAL FILING DATE, personally delivered or received via interoffice mail AFTER 5:00 P.M. ON THE FINAL FILING DATE WILL NOT BE ACCEPTED FOR ANY REASON. THE EXAMINATION TITLE <u>MUST</u> BE INDICATED ON THE APPLICATION.</p> <div><div>FILE BY MAIL: Department of Transportation Exam Services (MS 86) P.O. Box 168036 Sacramento, CA 95816-8036</div><div>FILE IN PERSON: Department of Transportation 1727 30th Street, 1st Floor Sacramento, CA 95816 (916) 227-1836</div></div> <p>SUBMIT APPLICATIONS ONLY TO THE ADDRESSES INDICATED ABOVE. DO <u>NOT</u> SEND APPLICATIONS TO THE STATE PERSONNEL BOARD OR DEPARTMENT OF TRANSPORTATION DISTRICT OFFICES. Applications may be obtained at the State Personnel Board in Sacramento, any Employment Development Department office, Department of Transportation district office, or at www.dot.ca.gov/hq/jobs on the Internet.</p>
REASONABLE ACCOMMODATION	If you have a disability and wish to participate in one of our testing services, programs, or activities and require a specific accommodation, please mark the appropriate box for Question #2 on the Examination and/or Employment Application form. You will be contacted to make specific arrangements. TDD users may contact the California Relay Service TDD line at 1-800-735-2929, Voice line at 1-800-735-2922, or the Exams TDD line at (916) 227-7857/Calnet 8-498-7857.
SALARY RANGE	Range A \$4279 - \$4953 Range B \$4899 - \$5951 Range C \$5931 - \$7210 Range D \$6292-\$7649
WRITTEN TEST DATE	<p>The administration of a written exam on an annual basis. Cut off date is on every January 15th. Eligible candidates will be notified by mail approximately 10 days in advance of the written test.</p> <p>Note: Candidates are only allowed to compete once every 12 months.</p>
REQUIRED IDENTIFICATION	Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.
REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION	<p>NOTE: All applicants must meet the education and/or experience requirements for this examination. Your signature on your application indicates that you read, understand, and possess the minimum qualifications required.</p> <p>NOTE: <u>All applications/resumes must include the specific education requirements as follows: Name of College/University attended, Course Title, Completion Date, type of degree, and a copy of your transcripts.</u> Applications received without this information may be rejected.</p> <p>NOTE: All applications/resumes must include: “to” and “from” dates (month/day/year), time base, civil service or private sector titles, and the duties performed. Applications/resumes received without this information will be rejected.</p>
MINIMUM QUALIFICATIONS	Education: Equivalent to graduation from college with major work in geology, engineering geology, or a closely related field that includes coursework in geology. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.) (Registration as a senior in a recognized institution will admit applicants to the Engineering Geologist examination, but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.
ADDITIONAL DESIRABLE QUALIFICATIONS	Course work in engineering geology; willingness to travel in performing field work throughout the State; course work and/or experience in environmental engineering, water resource management, hydraulics, and/or hydrogeology; and in addition to registration as a geologist, certification as an engineering geologist or hydrogeologist.
POSITION DESCRIPTION	<p>This is the entry, working, and journey level in the series. Incumbents move through the ranges as competency and performance increases.</p> <p>Range A is the entry and first working level in the class. Incumbents work under close supervision and perform less difficult engineering geologic work.</p> <p>Range B is the intermediate working level. Under general supervision, incumbents perform professional engineering geologic work of average difficulty.</p>

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

ENGINEERING GEOLOGIST EXAM CODE: 7TR85		BULLETIN RELEASE DATE: 11/29/07 KC/HM CONTINUOUS FILING CONTNUOUS TESTING	
POSITION DESCRIPTION CONT.	<p>Range C is the full (nonregistered) journey level. Under direction, incumbents perform difficult professional engineering geologic work. Incumbents may act as project managers on more complex projects or be assigned staff specialist responsibilities in support of project managers or other technical or programmatic functions. This level may also be used in a lead capacity over other Engineering Geologists or other professional or technical employees.</p> <p>Range D is the full (registered) journey level. Under direction, incumbents perform difficult engineering geologic work. Incumbents may act as project managers on more complex projects or be assigned technical staff responsibilities in support of project managers or other technical or programmatic functions. This level may be used in a lead capacity over other Engineering Geologists or other professional or technical employees. Range D requires possession of a valid certificate of registration as a geologist or geophysicist issued by the California Board of Geologists and Geophysicists. Range D incumbents act in a responsible charge capacity.</p>		
EXAMINATION INFORMATION	<p>This examination will consist of a written test weighted 100%. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained.</p> <p style="text-align: center;">WRITTEN TEST – WEIGHTED 100%</p> <p>Scope:</p> <p>A. Knowledge of:</p> <ol style="list-style-type: none">1. Stratigraphic, structural, historical, and economic geology as related to civil engineering projects.2. Geological processes and survey techniques, equipment, and procedures.3. Fundamental principles of mineralogy, petrography, soil mechanics, and hydrogeology.4. Photogeology, geological mapping and drafting, and the application of geology to engineering problems.5. Grouting methods, techniques, and equipment.6. Geological literature.7. Subsurface exploration and sampling procedures. <p>B. Ability to:</p> <ol style="list-style-type: none">1. Conduct geological and geophysical exploration investigations.2. Conduct independent technical research work.3. Make, record, and evaluate observations on geological engineering problems.4. Make accurate tests, observations, and measurements.5. Analyze situations accurately and take effective action.6. Prepare and analyze technical reports.		
ELIGIBLE LIST INFORMATION	<p>An open eligible list will be established for the Department of Transportation. The names of successful competitors will be merged onto the list in order of final score, regardless of date. Competitors’ eligibility will be expire 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period. Competitors must then test again to reestablish eligibility.</p>		
CAREER CREDITS	<p>Career credits are not granted in open examinations.</p>		
VETERANS PREFERENCE POINTS	<p>Veterans preference points will be added to the final score of all competitors who are successful in this examination and who qualify for, and have applied for, these points. Due to changes in the law, which were effective January 1, 1996, VETERANS WHO HAVE ACHIEVED PERMANENT CIVIL SERVICE STATUS ARE NOT ELIGIBLE TO RECEIVE VETERANS PREFERENCE POINTS.</p>		

GENERAL INFORMATION

It is the candidate’s responsibility to contact the Caltrans Office of Examination Services in Sacramento, three business days prior to the written test date if he/she has not received his/her notice.

For an examination without a written feature, it is the candidate’s responsibility **to contact the Caltrans Office of Examination Services in Sacramento at (916) 227-1836** three weeks after the final filing date if he/she has not received a progress notice.

If a candidate’s notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Applications are available at the State Personnel Board in Sacramento, any Employment Development Department office, Department of Transportation district office or at www.dot.ca.gov/hq/jobs on the Internet.

If you meet the requirements, you may take this examination. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

The Department of Transportation reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all candidates will be notified.

Examination Locations: When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Locations of interviews may be limited or extended as conditions warrant.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history, and fingerprinting may be required.

Veterans Preference: California law allows granting of Veterans Preference points in open entrance examinations and open, non-promotional exams. Credit in open entrance examinations is granted as follows: 10 points for veterans, widows and widowers of veterans, and spouses of 100%-disabled veterans; and 15 points for disabled veterans. Credit in open, non-promotional examinations is granted as follows: 5 points for veterans; and 10 points for disabled veterans. Directions for applying for veterans preference points are on the veterans preference application (Form 1093) which is available from the State Personnel Board, written test proctors, and the Department of Veterans Affairs, P.O. Box 942895, Sacramento, CA 94295-0001.

High School Equivalence: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Educational Development (GED) Test; 2) completion of 12 semester units of college-level work; 3) certification from the State Department of Education, a local school board, or high school authorities that the candidate is considered to have education equivalent to graduation from high school; or 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis.

For individuals with disabilities, this document may be available upon request in alternate formats. To obtain an alternate format, please call or write to the California Department of Transportation, Office of Examinations and Recruitment Services, P.O. Box 168036, MS 86, Sacramento, CA 95816. Voice (916) 227-7858 / Calnet 8-498-7858 or TTY (916) 227-7857 / Calnet 8-498-7857. California Relay Service: Voice 1-800-735-2922 or TTY 1-800-734-2929.

Revised 8/19/04